

IN THE CLAIMS

Cancel Claim 1 and rewrite Claims 2, 3, 7 and 8. Attached is a marked up copy of the claims as well as a clean copy.

What Is Claimed:

1. (Cancelled)

2. (Currently amended) ~~The cup of claim 1~~ A packer cup for use sealing an annulus within a pipe comprising:

an elongated, hollow sleeve having first and second end openings disposed, coaxially, along the longitudinal axis of said sleeve, said sleeve having a bell-shaped portion surrounding the first end and a tubular portion surrounding the second opening; said bell-shaped portion having an outer diameter adapted to be slightly less than the inner diameter of said pipe; a lip surrounding said first opening integral with said sleeve, said sleeve and lip being constructed of an elastomeric material with said lip of a lower density and harder material than said sleeve wherein said sleeve and lip are constructed from polyurethane

3. (Currently amended) ~~The cup of claim 1~~ A packer cup for use sealing an annulus within a pipe comprising:

an elongated, hollow sleeve having first and second end openings disposed, coaxially, along the longitudinal axis of said sleeve, said sleeve having a bell-shaped portion surrounding the first end and a tubular portion surrounding the second opening; said bell-shaped portion having an outer diameter adapted to be slightly less than the inner diameter of said pipe; a lip surrounding said first opening integral with said sleeve, said sleeve and lip being constructed of an elastomeric material with said lip of a lower density and harder material than said sleeve further comprising a metal sleeve disposed in said elastomer sleeve disposed within the second opening.

4. (Original) The cup of claim 3 wherein said metal sleeve is secured within said cup by adhesive.

5. (Original) The cup of claim 2 wherein the density of said lip is about 1.07 and said sleeve has a density of about 1.3.

6. (Original) The cup of claim 2 wherein said sleeve is about 0.2 denser than slip.

7. (Currently amended) The cup of claim 2 wherein the hardness of the ~~lip~~  
sleeve is about 60 SHORE D.

8. (Currently amended) The cup of claim 7 wherein the ~~sleeve~~ lip has a hardness of 80-95 SHORE A.

What Is Claimed:

1. (Cancelled)

2. (Currently amended) A packer cup for use sealing an annulus within a pipe comprising:

an elongated, hollow sleeve having first and second end openings disposed, coaxially, along the longitudinal axis of said sleeve, said sleeve having a bell-shaped portion surrounding the first end and a tubular portion surrounding the second opening; said bell-shaped portion having an outer diameter adapted to be slightly less than the inner diameter of said pipe; a lip surrounding said first opening integral with said sleeve, said sleeve and lip being constructed of an elastomeric material with said lip of a lower density and harder material than said sleeve wherein said sleeve and lip are constructed from polyurethane.

3. (Currently amended) A packer cup for use sealing an annulus within a pipe comprising:

an elongated, hollow sleeve having first and second end openings disposed, coaxially, along the longitudinal axis of said sleeve, said sleeve having a bell-shaped portion surrounding the first end and a tubular portion surrounding the second opening; said bell-shaped portion having an outer diameter adapted to be slightly less than the inner diameter of said pipe; a lip surrounding said first opening integral with said sleeve, said sleeve and lip being constructed of an elastomeric material with said lip of a lower density and harder material than said sleeve further comprising a metal sleeve disposed in said elastomer sleeve disposed within the second opening.

4. (Original) The cup of claim 3 wherein said metal sleeve is secured within said cup by adhesive.

5. (Original) The cup of claim 2 wherein the density of said lip is about 1.07 and said sleeve has a density of about 1.3.

6. (Original) The cup of claim 2 wherein said sleeve is about 0.2 denser than slip.

7. (Currently amended) The cup of claim 2 wherein the hardness of the sleeve is about 60 SHORE D.

8. (Currently amended) The cup of claim 7 wherein the lip has a hardness of 80-95 SHORE A.